

## CLAIMS:

1. Method for writing a label on a recordable record carrier (1), the record carrier adhering to a pre-defined, standardized condition with respect to a physical parameter, characterized in that the method comprises the following steps:
  - retrieving label information,
  - 5 - retrieving parameter information on the physical parameter, which parameter information is of a higher precision than the precision of the physical parameter mentioned in the pre-defined, standardized condition (22),
  - writing the label information on the record carrier using the parameter information (26).
- 10 2. Method according to claim 1, wherein the record carrier (1) has a circular form, characterized in that the method further comprises the step of converting the label information to a polar format (21).
3. Method according to claim 1, characterized in that the method further  
15 comprises the step of converting the label information into a regular data stream (25).
4. Method according to claim 1, characterized in that the parameter information is retrieved by reading out the information.
- 20 5. Method according to claim 4, characterized in that the parameter information is read out from the record carrier.
6. Method according to claim 4, wherein the record carrier comprises a unique identifier (UDI), e.g. a number, characterized in that the parameter information of the record  
25 carrier is retrieved by:
  - reading out the unique identifier, and
  - reading out the parameter information from a database (65) using the unique identifier.

7. Method according to claim 6, characterized in that the database is read out via the Internet (64).
8. Method according to claim 1, characterized in that the parameter information  
5 is retrieved by performing measurements (38) on the record carrier.
9. Method according to claim 8, characterized in that the measurements comprise angle measurements.
- 10 10. Method according to claim 9, characterized in that the angle measurements comprise angular distance measurements and that the parameter information is retrieved by fitting to the angular distance measurements (Fig. 5).
11. Method according to claim 10, characterized in that the angular distance  
15 measurements are based on tachometer information.
12. Method according to claim 10, characterized in that the angular distance measurements are based on timing measurements (Fig. 6, Fig. 7).
- 20 13. Method according to claim 10, characterized in that the eccentricity of the record carrier is determined and that the angular distance measurements are based on the eccentricity.
14. A device for performing the method for writing a label on a recordable record  
25 carrier according to anyone of the claims 1 to 13, the record carrier adhering to a pre-defined, standardized condition with respect to a physical parameter, the device comprising means for retrieving label information, means for retrieving parameter information, which information is of a higher precision than the precision of the physical parameter mentioned in the pre-defined, standardized condition, and means for writing the label information on the record  
30 carrier using the information.